

10/776,674

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:08:28 ON 24 MAY 2006

=> set abbr on perm
SET COMMAND COMPLETED

=>

=> set plurals on perm
SET COMMAND COMPLETED

=> file uspatall caplus japio
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'USPATFULL' ENTERED AT 17:09:11 ON 24 MAY 2006
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FILE 'USPAT2' ENTERED AT 17:09:11 ON 24 MAY 2006
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FILE 'JAPIO' ENTERED AT 17:09:11 ON 24 MAY 2006
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=> s(olefin or ethylene or propylene or ethene or propene or isobutylene or isobutene or isoprene) (s) (hydroxystyrene or hydroxy(1w)styrene or vinylphenol or vinyl(1w)phenol)
S(OLEFIN IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> s (olefin or ethylene or propylene or ethene or propene or isobutylene or isobutene or isoprene) (s) (hydroxystyrene or hydroxy(1w)styrene or vinylphenol or vinyl(1w)phenol)
L1 1958 (OLEFIN OR ETHYLENE OR PROPYLENE OR ETHENE OR PROPENE OR ISOBUTYLENE OR ISOBUTENE OR ISOPRENE) (S) (HYDROXYSTYRENE OR HYDROXY(1W) STYRENE OR VINYLPHENOL OR VINYL(1W) PHENOL)

=> s (block or segmented) (2a) (copolymer or interpolymer)
L2 142718 (BLOCK OR SEGMENTED) (2A) (COPOLYMER OR INTERPOLYMER)

=> s l1 and l2

L3 423 L1 AND L2

=> s l3 and (block or segment?) (5w) (hydroxystyrene or hydroxy(1w)styrene or vinylphenol or vinyl(1w)phenol)

L4 14 L3 AND (BLOCK OR SEGMENT?) (5W) (HYDROXYSTYRENE OR HYDROXY(1W) STYRENE OR VINYLPHENOL OR VINYL(1W) PHENOL)

=> d l4 1-14 ibib abs

L4 ANSWER 1 OF 14 USPATFULL on STN

ACCESSION NUMBER: 2006:86336 USPATFULL

TITLE: External modification of composite organic inorganic nanoclusters

INVENTOR(S): Zhang, Jingwu, Santa Clara, CA, UNITED STATES
Su, Xing, Cupertino, CA, UNITED STATES
Sun, Lei, Santa Clara, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006073336	A1	20060406
APPLICATION INFO.:	US 2004-940698	A1	20040913 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	BLAKELY SOKOLOFF TAYLOR, & ZAFMAN, 12400 WILSHIRE BOULEVARD, SEVENTH FLOOR, LOS ANGELES, CA, 90025-1030, US		
NUMBER OF CLAIMS:	70		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Page(s)		
LINE COUNT:	1706		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Modified and functionalized metallic nanoclusters capable of providing an enhanced Raman signal from an organic Raman-active molecule incorporated therein are provided. For example, modifications include coatings and layers, such as adsorption layers, metal coatings, silica coatings, and organic layers. The nanoclusters are generally referred to as COINs (composite organic inorganic nanoparticles) and are capable of acting as sensitive reporters for analyte detection. A metal that enhances the Raman signal from the organic Raman-active compound is inherent in the nanocluster. A variety of organic Raman-active compounds and mixtures of compounds can be incorporated into the nanocluster.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 14 USPATFULL on STN

ACCESSION NUMBER: 2005:214843 USPATFULL

TITLE: Structured materials and methods

INVENTOR(S): Watkins, James J., South Hadley, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005186515	A1	20050825
APPLICATION INFO.:	US 2005-40054	A1	20050121 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-538804P	20040123 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FISH & RICHARDSON PC, 225 FRANKLIN ST, BOSTON, MA, 02110, US	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1355	